

CLAIMS

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1. A resin composition which comprises the following (a) and the following (b) in a ratio of from 50 to 99.5 wt% of (a) and from 0.5 to 50 wt% of (b) in the total amount of (a) and (b):

(a) a polyphenylene sulfide; and

(b) a fluorinated resin having a solidification temperature ( $T_{mc}$ ) of at least 237°C when cooled at a cooling rate of 10°C/min after melting in a nitrogen atmosphere at 330°C.

2. The resin composition according to Claim 1, which further contains the following (c) in a ratio of more than 0 part by weight and not more than 250 parts by weight in the total amount per 100 parts by weight of the total amount of (a) and (b):

(c) at least one member selected from the group consisting of an organic reinforcing material, an inorganic reinforcing material and a filler.

3. The resin composition according to Claim 1 or 2, which comprises (a) and (b) in a ratio of from <sup>20</sup>~~4~~ to 95 wt% of (a) and from 5 to <sup>30</sup>~~3~~ wt% of (b) in the total amount of (a) and (b).

4. The resin composition according to Claim 1, 2 or 3, wherein the melt index of the fluorinated resin is at least 0.1 as measured under measuring conditions of 330°C, a load of 5 kg, an orifice diameter of 2.095 mm and a length of 8 mm.

5. The resin composition according to <sup>Claim 1</sup>~~any one of Claims 1 to 4~~ wherein the fluorinated resin is a tetrafluoroethylene/perfluoro(alkylvinyl ether) copolymer or a tetrafluoroethylene/hexafluoropropylene copolymer.
6. A resin composition which comprises the following (a) and the following (b<sup>1</sup>) in a ratio of from 70 to 95 wt% of (a) and from 5 to 30 wt% of (b<sup>1</sup>) in the total amount of (a) and (b<sup>1</sup>) and which further contains the following (c) in a ratio of from 10 to 250 parts by weight in the total amount per 100 parts by weight of the total amount of (a) and (b<sup>1</sup>):
- (a) a polyphenylene sulfide;
  - (b<sup>1</sup>) a tetrafluoroethylene/perfluoro(alkylvinyl ether) copolymer or a tetrafluoroethylene/hexafluoropropylene copolymer; and
  - (c) at least one member selected from the group consisting of an organic reinforcing material, an inorganic reinforcing material and a filler.
7. The resin composition according to <sup>Claim 1</sup>~~any one of Claims 1 to 6~~, wherein the melt index of the polyphenylene sulfide is from 0.5 to 500 as measured under measuring conditions of 330°C, a load of 5 kg, an orifice diameter of 2.095 mm and a length of 8 mm.
8. A molded product obtained by injection molding of the resin composition as defined in <sup>Claim 1</sup>~~any one of Claims 1 to 7~~.

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